

RESEARCH AND DEVELOPMENT, NEUCHÂTEL - QUARTERLY REPORT

DIVISION : MANUFACTURING SERVICES GROUP
SUBJECT TITLE : PRODUCT MONITORING AND CHANGES (AFFILIATES)
PERIOD COVERED : OCTOBER - DECEMBER 1988
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quality, improvement, implementation,
modifications, changes, cigarette

OBJECTIVE

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Monitor product quality and implement cigarette construction modifications when necessary, to ensure that the quality objectives and specifications of the product are met.

GENERAL

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During the 4th quarter 1988, 40 cigarette product specifications were updated by Manufacturing Services and 16 cigarette product specifications were prepared on behalf of Product Development. Seven filter specifications were written.

Monitoring Meetings were held in Bergen, Munich, and Neuchâtel, in October and in December.

RESULTS (IMPLEMENTED PRODUCT MODIFICATIONS)

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The following important product changes were implemented:

- a) The following specifications were modified with regard to the filter, the cigarette paper (permeability) and/or the tipping paper (porosity), so as to adjust the smoke yield to the specified values:

Merit 100s	MEH04	(PMH)	
L & M Full Flavour	LMF03	(PMG)	
Marlboro Lights 100s DB	MHL01	(PMG)	
Marlboro KS UK	MLB11	(PMG)	+ MLB19 (PMH)
Merit Ultra	MEU05	(FTR)	
Marble Arch	MRB01	(FTR)	

Seven Marlboros (PMG) from low- to high-porous cig. paper.
Seven MPHs from Pela 44 Mn to Pela 54 Mn

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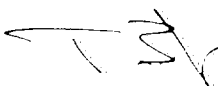
- b) MAB01/MAH01 (FTR):
Baumgartner PSP filter with plug wrap Schoeller & Hoesch
FU-POV 9500 and with tipping adapted from 3/50 to 3/60.
- c) MAG02/MAT01 (FTR):
Baumgartner PSP filter with plug wrap S&H 9500, with
tipping adapted from 4M 0.15.4.5 to 4M 0.22.7.5 and with
new base paper for high-speed makers, Aquafuge LS 944 BNG.
- d) Raffles RAH (PM-UK)
Change of blend. Tipping paper adapted accordingly,
from 3/10 to 3/20.
- e) Ambassador KS MAJ01/02 (PMH) and MAK05/06 (FTR):
Use of high-porous filter 34.7340 (standardisation) and
tipping adapted accordingly to perforation 2M 0.075.5.5.
- f) The production of the following cigarettes was transferred:
- | | | |
|------------------------|-------|-------------------------------|
| Virginia Slims Lights | VIL04 | From PMG-Berlin to PMH |
| Job Bleu Filtre | JOB03 | From Sullana to FTR |
| Job Bleu Nacr  | JON03 | From Sullana to FTR |
| L & M King Size | LMK13 | From Sullana to FTR |
| L & M King Size | LMG03 | From Manchester to PMG-Munich |
| Chesterfield KS Filter | CEG09 | From Manchester to PMG-Munich |
| Lark Filter King | LAG04 | From Manchester to PMG-Munich |

PLANS (AUTHORIZED MODIFICATIONS)

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The following modification is approved, but not yet
introduced:

Marlboro Lights MHX01/03 (PMG) and MHX06 (PMH) as well as
Marlboro Lights UK MHX05 (PMH) and MHX08 (PMG):
Standardisation of filters and simultaneous adaptation of
tipping paper perforation and/or cigarette paper
permeability.


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